Attorney Docket No. 00479.77772

## JOINT DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names:

AUG () 6 1999 E

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	USING	HAOTIC COMMUNI	NONREACTIVE	CIRCUIT ELEMENTS 7	4 7
he specifica	tion of which			7	REC
	is attached hereto.				0 6 'C
	was filed on as	s Application Serial N	lumber	and was amended on	Thr applicable).
We h he claims, a	ition of which is attached hereto. was filed on as hereby state that we have it as amended by any amend	reviewed and unders Iment referred to ab	stand the contents ove.	of the above identified sp	pecification, including
	acknowledge the duty to deral Regulations, §1.56.	disclose information	which is material	to patentability in acco	rdance with Title 37
		Prior Foreig	n Application(	s)	
for patent or Country	other than the United State inventor's certificate have Application Number	ing a filing date bef Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed Under 35 U.S.C. \$119	ty is claimed: Certified Copy Attached
				Yes / No	Yes / No
We hereby cl	aim the benefit under 35 U.	S.C. 119(e) of any U	nited States provisi	onal application(s) listed be	alow:
	Application Number(s)	(f	Filing Date MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.	
1		L		•	VED 1999

## Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Number 09/116.661	July 17, 1998	Panding
Application Serial	Date of Filing	Status — Patented. Pending, Abandoned

## **Power of Attorney**

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected herewith as well as before any office or agency of a foreign country or any international organization in connection with any foreign counterpart application claiming priority to this application, including the power to appoint agents and local representatives in connection with such foreign applications, the following attorneys of Banner & Witcoff, their registration numbers being listed after their names:

Robert Altherr, Reg. No. 31,810, Donald W. Banner, Reg. No. 17,037; Edward F. McKie, Jr., Reg. No. 17,335; William W. Beckett, Reg. No. 18,262; Dale H. Hoscheit, Reg. No. 19,090; Joseph M. Potenza, Reg. No. 28,175; James A. Niegowski, Reg. No. 28,331; Joseph M. Skerpon, Reg. No. 29,864; Thomas L. Peterson, Reg. No. 30,969; Nina L. Medlock, Reg. No. 29,673; William J. Fisher, Reg. No. 32,133; Thomas H. Jackson, Reg. No. 29,808; Kevin A. Wolff, Reg. No. 42,233; Franklin D. Wolffe, Reg. No. 19,724; Susan A. Wolffe, Reg. No. 33,568, and Bradley C. Wright, Reg. No. 38,061

All correspondence and telephone communications should be addressed to:

Banner & Witcoff, Ltd.
Eleventh Floor
1001 G Street, N.W.
Washington, D.C. 20001-4597
Tel. No. (202) 508-9100

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on rmation and belief are believed to be true; and further that these statements were made with the knowledge that willful Trinformation and belief are believed to be true; and further that these statements were made with the knowledge that willful Ofalse statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature 2	aniel E. Hinton,	DV	Date 5/14/99
Full Name of Joint Inventor_	Hinton, Sr,	Daniel	E.
Œ	Family Name	First Given Name	Second Given Name
Residence	815 Galway Garth, Arnold, Maryland,	21012	
Citizenship Post Office	U.S.		04.00101
Address	c/o Science Applications Internati	onal Corporation, 10260 C	ampus Point Drive, San Diego, CA 92121
Signature	Rolson K. Deen		Date3/13/99
Full Name of Joint Inventor_		Nelson	R
Joint Involtor_	Family Name	First Given Name	Second Given Name
Residence	206 Bob Vines Road, Ghent, West Vin	ginia, 25843	
Citizenship	U.S		
Post Office	c/o Science Applications Internat	ional Corporation, 10260 (	Campus Point Drive, San Diego, CA 92121

full Name of	T am addin	Laurance	P.
loint Inventor_	Family Name	First Given Name	Second Given Name
Residence	10205 Tamarack Drive, Vienn	na, Virginia, 22182	
Citizenship	U.S		
Post Office	ala Science Applications l	nternational Corporation, 10260 Cam	pus Point Drive, San Diego, CA 92
Address	C/O Science Applications i	THO THE CONTRACT OF THE CONTRA	
	(B) (V) // N		
Signature	lake meller	D	ate_5-14-99
Full Name of	<u></u>	Charles	P.
Joint Inventor	Gardner Family Name	<u>Charles</u> First Given Name	Second Given Name
	·	-	
Residence	15401 Beachview Drive, Dur	nfries, Virginia, 22026	
		•	
Citicanahin	11 0		
	U.S		CA 70'
Citizenship Post Office Address		International Corporation, 10260 Can	npus Point Drive, San Diego, CA 9
Post Office		International Corporation, 10260 Can	npus Point Drive, San Diego, CA 9
Post Office Address	c/o Science Applications		
Post Office Address			Date 5/14/99
Post Office Address Signature Full Name of	c/o Science Applications	tui-	Date <u>5/14/99</u> W.
Post Office Address Signature Full Name of	c/o Science Applications		Date 5/14/99
Post Office Address Signature Full Name of Joint Inventor	c/o Science Applications  Lannan W Mari  Martin  Family Name	Shannon First Given Name	Date <u>5/14/99</u> W.
Post Office Address Signature Full Name of Joint Inventor	c/o Science Applications  Lannon W Mari  Martin	Shannon First Given Name	Date <u>5/14/99</u> W.
Post Office Address Signature Full Name of Joint Inventor	c/o Science Applications  Lannan W Mari  Martin  Family Name	Shannon First Given Name	Date <u>5/14/99</u> W.
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship Post Office	C/o Science Applications  Rannan W Mari  Martin Family Name  301 Janlar Drive, Richmond, U.S.	Shannon First Given Name Virginia, 23235	Oate <u>S/14/99</u> W.  Second Given Name
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship	C/o Science Applications  Rannan W Mari  Martin Family Name  301 Janlar Drive, Richmond, U.S.	Shannon First Given Name	Oate <u>S/14/99</u> W.  Second Given Name
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship Post Office	C/o Science Applications  Common W Marin  Family Name  301 Janlar Drive, Richmond,  U.S.  C/o Science Applications	Shannon First Given Name Virginia, 23235 International Corporation, 10260 Car	Oate 5/14/99  W.  Second Given Name  mpus Point Drive, San Diego, CA 9
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship_ Post Office Address	C/o Science Applications  Rannan W Mari  Martin Family Name  301 Janlar Drive, Richmond, U.S.	Shannon First Given Name  Virginia, 23235  International Corporation, 10260 Car	Second Given Name  The second Given Name  The second Given Name  The second Given Name  The second Given Name  Second Given Name
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship_ Post Office Address Signature	C/o Science Applications  Common W Marin  Family Name  301 Janlar Drive, Richmond,  U.S.  C/o Science Applications	Shannon First Given Name Virginia, 23235  International Corporation, 10260 Car	Second Given Name  Second Given Name  The property of the second Given Name  Date
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship_ Post Office Address	C/o Science Applications    Continuation   Continua	Shannon First Given Name  Virginia, 23235  International Corporation, 10260 Car  Michael	Date 5/14/99  W.  Second Given Name  mpus Point Drive, San Diego, CA 9  Date 5/14/99  C.
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship Post Office Address Signature Full Name of	C/o Science Applications  Rannon W Marin Family Name  301 Janlar Drive, Richmond, U.S.  C/o Science Applications	Shannon First Given Name Virginia, 23235  International Corporation, 10260 Car	Second Given Name  Second Given Name  The property of the second Given Name  Date
Post Office Address Signature Full Name of Joint Inventor Residence Citizenship Post Office Address Signature Full Name of	C/o Science Applications    Continuation   Continua	Shannon First Given Name  Virginia, 23235  International Corporation, 10260 Car  Michael First Given Name	Date 5/14/99  W.  Second Given Name  mpus Point Drive, San Diego, CA 9  Date 5/14/99  C.

		/		•
· '	The sent of the		Date	5/14/99
Signature//	(11/1207) - 1 July 0	<del></del>	Date	
Full Name of €				<b>T</b>
Joint Inventor_	Berkley	Antwong		<u> </u>
	Family Name	First Given Name		Second Given Name
Residence	4201 South 31st Street, Apt 505, Ar	lington, VA, 22206		
Citizenship	U.S.			
Post Office	· · · · · · · · · · · · · · · · · · ·			
Address	c/o Science Applications Intern	national Corporation, 10260	Campus Po	oint Drive, San Diego, CA 92121
Signature	Stormfor	4	Date	5-14-99
Full Name of	Parmer	Steven		м.
Joint Inventor_	Bowser Family Name	First Given Name		Second Given Name
Residence	9506 Mandolin Court, Vienna, Virg	ginia, 22182		
Citizenship	U.S			
Post Office				
Address	c/o Science Applications Intern	national Corporation, 10260	Campus P	oint Drive, San Diego, CA 92121

State if Virginia County of Arlington

The foregoing instrument was acknowledged before me this 14th day of May 1999 by Daniel E. Hinton, Jr., Laurence P. Longtin, Charles P. Gardner, Shannon W. Martin, Michael C. Edwards, Antwong L. Berkley, and Steven M. Bowser, partners for patent application Chaotic Communication System and Method Using Modulation of Nonreactive Circuit Elements, Ref 00479.77772.

Victoria C. Fernandez

Notary Public

My commission expires 31 July 2000.

RECEIVED

AUG 27 1999

TC 2700 MAIL ROOM

LAW OFFICES

BANNER & WITCOFF, LTD. 1001 G STREET, N.W. WASHINGTON, D.C. 20001-4597 (202) 508-9100